

Claims

[c1] WHAT IS CLAIMED IS:

1. A pullout device for cabinet drawers, the pullout device comprising:

guide parts in the form of an upper and a lower pullout rails;

a frame movable arranged in an interior of a cabinet body so as to move on the guide parts;

shelf members connected to the frame;

the frame having a vertical longitudinal front support supporting a cabinet door and a vertical longitudinal rear support;

wherein the frame is configured to be pulled out forwardly relative to the cabinet body in a direction of a central longitudinal plane that extends perpendicular to a front opening plane of the cabinet body from a storage position inside the cabinet body into an extended pullout position in front of the cabinet body;

a support defining the extended pullout position such that the vertical longitudinal rear support of the frame is positioned at a spacing defining a spacer gap in front of the opening plane of the cabinet body.

- [c2] 2. The pullout device according to claim 1, wherein the frame, when in the extended pullout position, is pivotable.
- [c3] 3. The pullout device according to claim 1, wherein the spacer gap has a size providing a pinching protection or finger protection.
- [c4] 4. The pullout device according to claim 1, further comprising bearings connecting the frame to the guide parts, wherein the bearings define a vertical axis coinciding with a central axis of the cabinet drawer, wherein the frame is pivotable in a clockwise direction or a counterclockwise direction into an article removal position and back from the removal position.
- [c5] 5. The pullout device according to claim 1, wherein the frame is configured to pivot into defined stepped pivot positions.
- [c6] 6. The pullout device according to claim 1, wherein the frame is pivotable into infinite pivot positions.
- [c7] 7. The pullout device according to claim 1, wherein the cabinet drawer, when moved into the extended pullout position, is freely rotatable in a clockwise direction and in a counterclockwise direction.

- [c8] 8. The pullout device according to claim 1, wherein the cabinet drawer is pivotable manually or by a drive.
- [c9] 9. The pullout device according to claim 1, further comprising a first locking device for blocking at least a return movement of the frame after reaching the extended pullout position.
- [c10] 10. The pullout device according to claim 10, further comprising a second locking device, wherein one of the first and second locking devices is arranged in the area of the upper pullout rail and the other one of the first and second locking devices is arranged in the area of the lower pullout device, wherein the first and second locking devices cooperate to block together a return movement and pivot movement of the frame.
- [c11] 11. The pullout device according to claim 10, further comprising an actuator that operates by at least one of mechanic actuation, hydraulic actuation, pneumatic actuation, electric actuation, and magnetic actuation on at least one of the first and second locking devices.
- [c12] 12. The pullout device according to claim 9, wherein the first locking device is arranged in the area of the lower guide part and releasable by a force that acts at a distance from a vertical pivot axis of the frame and essen-

tially perpendicular to the central longitudinal plane of the frame, wherein the frame is configured to be locked in predetermined pivot positions and configured to be returned into a central locking position that corresponds to a pullout/return position of the frame relative to the cabinet body.

[c13] 13. The pullout device according to claim 12, further comprising a second locking device in the area of the upper guide part, wherein the second locking device is provided with tensioning and stop parts that compensate a movement play of the upper guide part and are movable into a reinforcement position relative to one another, wherein the tensioning and stop parts block a return movement of the frame when the frame reaches one of the pivot positions.

[c14] 14. The pullout device according to claim 13, wherein the first and second locking devices become active when moving the frame from the pullout/return position defining a zero position into a 90 degree pivot position, so that the frame has three of the predetermined pivot positions in which the frame is locked.

[c15] 15. The pullout device according to claim 1 configured for a tall cabinet.